

Serial No. 10/643,915

Attorney Docket No. 11-193

LISTING OF CLAIMS:

1. (Currently amended) A portable information terminal equipped with a flash memory including a data storing region and a directory region for storing programs and data, comprising:

means for setting a memory optimization order instructing execution of optimization processing for the flash memory, said optimization processing including deletion of data stored in a designated area of said data storing region corresponding to information indicating deletion of the data which is recorded in said directory region, for restoring said designated area of said data storing region as an available data storing region, and

means for executing said optimization processing for the flash memory according to said memory optimization order in response to ~~stop of an automatic power off operation of electric power supply to~~ said portable information terminal.

2. (Currently amended) The portable information terminal in accordance with claim 1, ~~wherein said~~ further comprising:

means for selectively determining whether or not said optimization processing for the flash memory should be executed in response to the stop of electric power supply to said portable information terminal, and

means for adjusting an optimization size for the flash memory.

3. (Original) A portable information terminal equipped with a flash memory including a data storing region and a directory region for storing programs and data, comprising:

means for setting a memory optimization order instructing execution of optimization processing for the flash memory, said optimization processing including deletion of data stored in a designated area of said data storing region corresponding to information indicating deletion of the data which is recorded in said directory region, for restoring said designated area of said data storing region as an available data storing region, and

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means for executing said optimization processing for the flash memory according to said memory optimization order in response to execution of a specific statement incorporated in an application program used in said portable information terminal.

4. (Currently amended) The portable information terminal in accordance with claim 3, ~~further comprising~~ further comprising:

means for selectively determining whether or not said optimization processing for the flash memory should be executed in response to the execution of said specific statement,

means for setting execution timing of said optimization processing for the flash memory to a predetermined point of time earlier or later than the execution of said specific statement, and

means for adjusting an optimization size for the flash memory.

5. (Original) The portable information terminal in accordance with claim 3, wherein said specific statement is selected from the group consisting of a statement of receiving a file from a host, a statement of transmitting a file to said host, and a statement of starting communication of said portable information terminal.

6. (Currently amended) A portable information terminal equipped with a flash memory including a data storing region and a directory region for storing programs and data, comprising:

means for setting a memory optimization order instructing execution of optimization processing for the flash memory, said optimization processing including deletion of data stored in a designated area of said data storing region corresponding to information indicating deletion of the data which is recorded in said directory region, for restoring said designated area of said data storing region as an available data storing region, and

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means for executing said optimization processing for the flash memory according to said memory optimization order at a designated at least one of date and time date/time.

7. (Currently amended) The portable information terminal in accordance with claim 6, further ~~comprising~~ comprising:

means for selectively setting said ~~date/time~~ at least one of date and time for executing said optimization processing for the flash memory, and
means for adjusting an optimization size for the flash memory.

8. (New) The portable information terminal in accordance with claim 1, further comprising means for selecting a wait time for the automatic power off operation.

9. (New) The portable information terminal in accordance with claim 3, wherein the specific statement is a not a flash memory operation.

10. (New) The portable information terminal in accordance with claim 3, wherein the optimization processing is executed, and the next step is to execute said specific statement.

11. (New) The portable information terminal in accordance with claim 3, wherein the specific statement is executed, and the next step is to execute said optimization processing.

12. (New) The portable information terminal in accordance with claim 3, wherein the optimization processing is executed at a predetermined point of time earlier than the execution of said specific statement.

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13. (New) The portable information terminal in accordance with claim 3, wherein the optimization processing is executed at a predetermined point of time later than the execution of said specific statement.